

## CONCEPTUALIZATION OF JOB CANDIDATE INFORMATION

### ABSTRACT

A variety of technologies are applied to conceptualization of job candidate information. For example, concepts can be extracted from a job candidate's resume via an ontology. Concepts can be arranged hierarchically within the ontology, and parent concepts can be extracted. Concepts relating to job skills, job title, management, and the like can be extracted. A set of concepts can be represented as a point in  $n$ -dimensional concept space. Thus, candidates and desired candidate criteria can be represented in the concept space. Those candidates closest to the desired candidate criteria in the concept space can be designated as matches for the desired candidate criteria.